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DATE 6/21/95 *Sultan A. Aslam* SPEC. WRITER
DATE 8/15/95 *Peter K. Sweeney* ENGINEER OF DESIGN

RISER DIAGRAM "A"

STAGE II STEP ① - DWG #E-5
EXCEPT AS NOTED

SCHEDULE STAGE II STEP ① - TRANSFER LOADS TO BUS #3 & 4.

CONDUIT
DESIGNATION

- SHUTTLE ELEVATORS -

CONTROL FOR SHUTTLE & BANK ELEVATORS

CDS. # C-2, C-3, C-5, & C-15

- a. - INSTALL C COT & WIRE FROM SHUTTLE & BANK ELEVATOR TRANSFER SWITCHES, AS SHOWN ABOVE
- b. - CONNECT ALL CONTROL WIRES AS SHOWN ON DWG. #E-97 LEGEND ∇

L-1 NORMAL FEEDER TO SHUTTLE ELEV.

- a. - INSTALL L-1 COT & WIRE FROM SWGR. BUS #3 TO TRANSFER SWITCH
- b. - INSTALL COT. & WIRE L-1 FROM TRANSFER SWITCH TO P.B. #8.
- c. - CUT EXIST. FDR. IN P.B. #9 AND SPLICE. (ENERGIZE)
- d. - REMOVE EXIST. FDR. BACK TO SWGR.

**
NOTE
#3

A-2 EMERG. FEEDER TO SHUTTLE ELEV.

- a. - INSTALL A-2 COT & WIRE FROM TRANSFER SWITCH TO P.B. #3.
- * - CUT EXIST. FDR. IN "P.B. #3 AND INSTALL "Y" SPLICE. (ENERGIZE)
- c. - DISCONNECT EXIST. & CONNECT CONTROLLER WIRING DESIGNATED ∇ ON DWG. #E-97.
- d. - REMOVE EXIST. FDR. (A-2) & CONTROL WIRES BACK TO EXIST. ELEV. TRANSFER SWITCH.

L-2 MOTOR CONTROL CENTER - MCC "1"

- a. - INSTALL L-2 COT & WIRE FROM SWGR. BUS #4 TO MCC-S-41L.
- b. - DISCONNECT EXIST. & CONNECT FOR L-2 AT MCC-S-41L. (ENERGIZE)
- c. - REMOVE EXIST. FDR. & COT. L-2 BACK TO SWGR.

L-3-TEMP 208/120V. TRANSF. ELEC. CLOS. "S" 25-40th FLR'S

- a. - INSTALL L-3-TEMP COT & WIRE FROM SWGR. BUS 4 TO 500KVA TRANSFORMER VIA P.B. #8
- * - b. - DISCONNECT EXIST. & CONNECT FOR L-3-TEMP AT TRANSFORMER (ENERGIZE)
- c. - REMOVE EXIST. FDR. L-3 BACK TO SWGR.

R-1-TEMP 208/120V. TRANSF. ELEC. CLOS. "S" 43-58th FLR'S

- a. - INSTALL R-1-TEMP COT & WIRE FROM SWGR. BUS 4 TO 500KVA TRANSFORMER VIA P.B. #8
- * - b. - DISCONNECT EXIST. & CONNECT FOR R-1-TEMP AT TRANSFORMER (ENERGIZE)
- c. - REMOVE EXIST. FDR. R-1 BACK TO SWGR.

L-4B 480/277V. ELEC. CLOS. "S" 25th TO 40th FLR'S
FUTURE RUN 33rd THRU 40th FLR'S

- a. - INSTALL BUSWAY L-4B FROM SWGR. BUS #3 TO END CAP & "T" TO EXIST BUSWAY L-4.
- * - b. - REMOVE EXISTING BUSWAY L-4 TO EXIST. SWGR. REMOVE BACK TO EXIST. SWGR. CAP BUSWAY
- c. - INSTALL BUSWAY TRANSFER BOX ON EXIST. BUSWAY & CONNECT BUSWAY L-4B. (ENERGIZE)
- L-4B 480/277V. ELEC. CLOS. "S" FUTURE 25th TO 32nd FLR'S
- a. - INSTALL BUSWAY L-4B FROM SWGR. BUS #4 TO ENO CAP.

L-BT NORMAL FEEDER TO FIRE PUMP A.T.S. & CONTROLLER

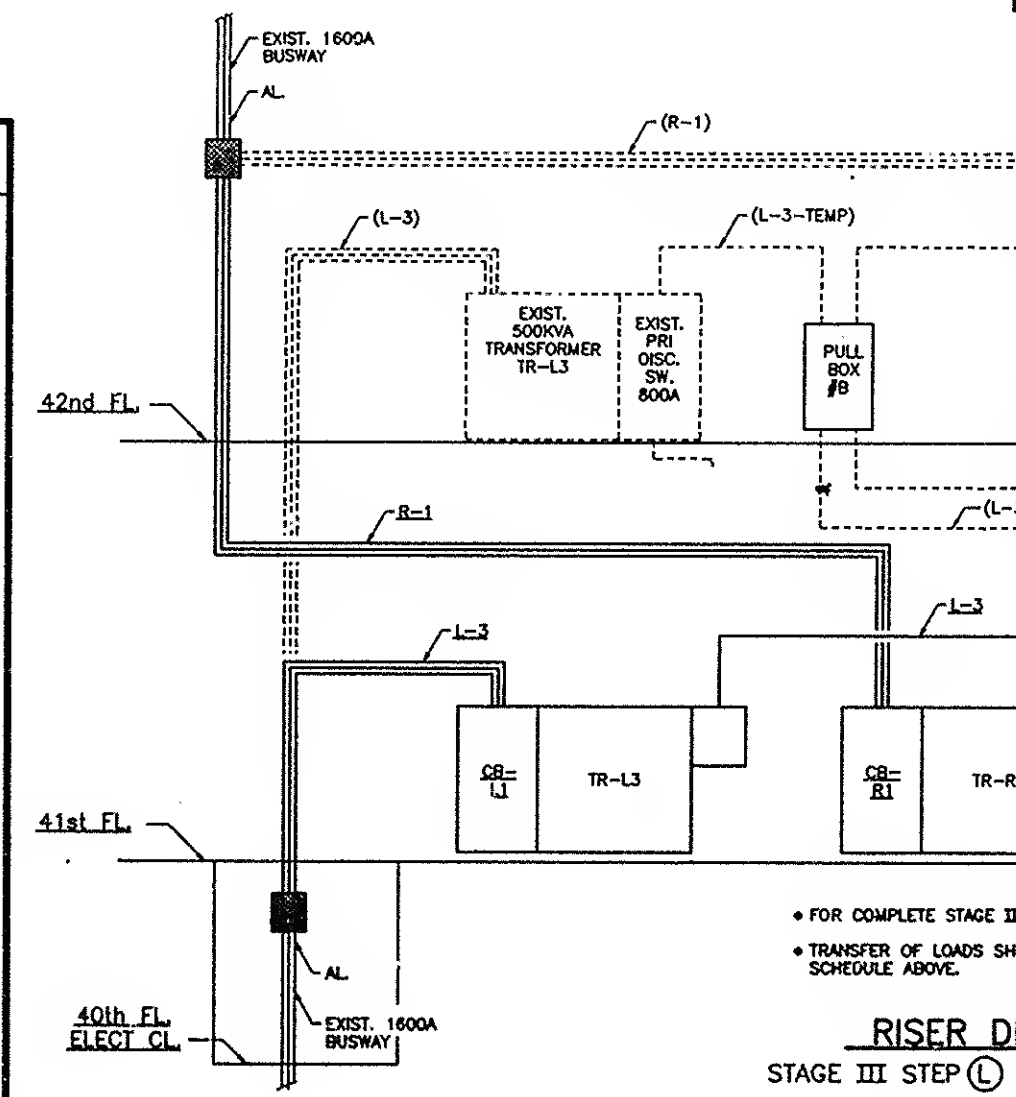
- a. - INSTALL L-BT COT & WIRE FROM SWGR. BUS #4 TO TRANSFER SWITCH
- b. - INSTALL L-BT COT & WIRE FROM FIRE PUMP A.T.S. TO FIRE PUMP CONTROLLER
- * - c. - DISCONNECT EXIST. & CONNECT FOR L-BT AT CONTROLLER. (ENERGIZE)
- d. - DISCONNECT EXIST. & CONNECT CONTROLLER WIRING DESIGNATED ∇ ON DWG. #E-97
- e. - REMOVE EXIST. FDR. L-BT BACK TO SWGR.

B-6 EMERG. FEEDER TO FIRE PUMP A.T.S.

- a. - CUT EXIST. EMPTY COT. (X) 2 COTS & REMOVE BACK TO EXISTING SUBSTATION
- b. - INSTALL COT. B-6 FROM TRANSFER SWITCH TO EXIST. (X) COTS. & CONNECT.
- c. - INSTALL FDR. B-6 FROM TRANSFER SWITCH TO EXIST. PANEL EPC-41A.
- * - d. - DISCONNECT EXIST. & CONNECT FOR B-6 IN A.T.S. # 75-41SL. (ENERGIZE)

L-2 DINING FACILITY

- a. - INSTALL P.B. #15 ADJACENT TO EXIST P.B. #14
- b. - INSTALL L-2 COT & WIRE BETWEEN P.B. #15 & SWGR. BUS #3.
- * - c. - CUT EXIST. FDR. (L-2) IN P.B. #14 & REMOVE BACK TO EXIST. SWGR.
- d. - SPLICE TO EXIST. FDR. (L-2) IN P.B. #14 (ENERGIZE)



FOR COMPLETE STAGE II
TRANSFER OF LOADS SHOWN
SCHEDULE ABOVE.

RISER DIAGRAM "A"
STAGE III STEP ①